

ABSTRACT OF DISCLOSURE

A control apparatus for a vibration type actuator is disclosed, with which at least three kinds of vibrations are
5 excited, and a desired motion can be carried out with high efficiency. The vibration type actuator includes a rotatable moving member, an elastic member contacting the moving member, and an electro-mechanical energy conversion element exciting at least three different kinds of vibrations in the elastic
10 member by supplying at least three periodic signals having different phases. The control apparatus includes a rotation axis determining unit, a parameter determining unit and a control circuit. The rotation axis determining unit determines a rotation axis for rotating the moving member. The
15 parameter determining unit determines, by using an inverse model, phase and amplitude of the periodical signals.